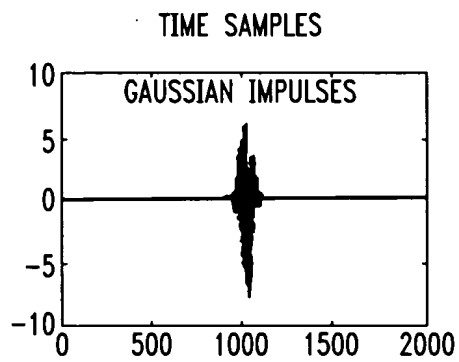
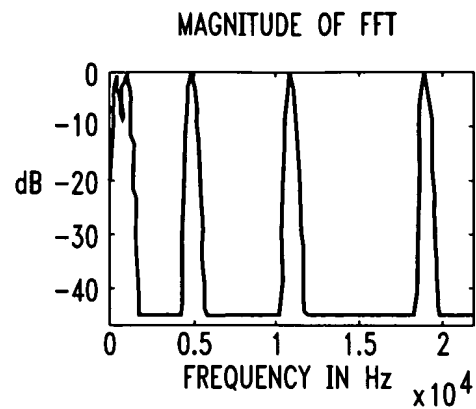
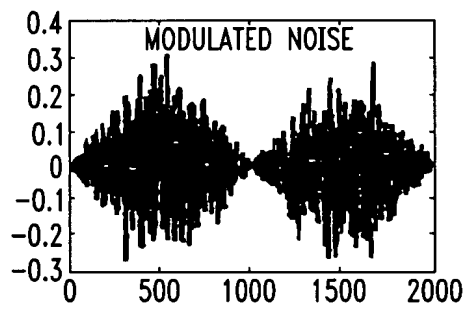
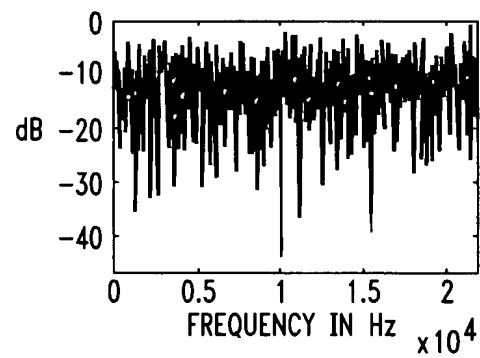
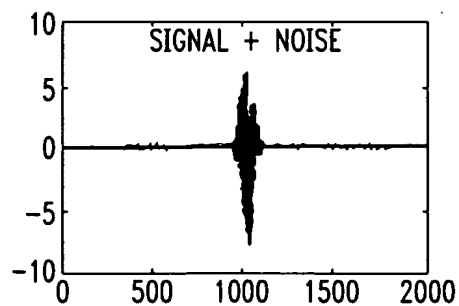
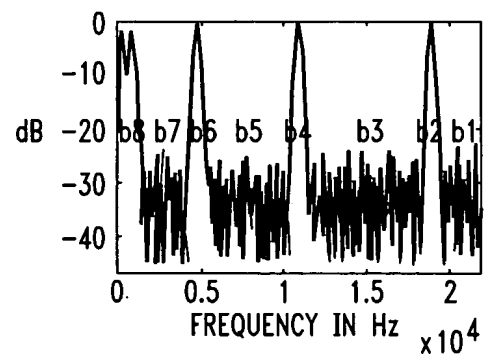


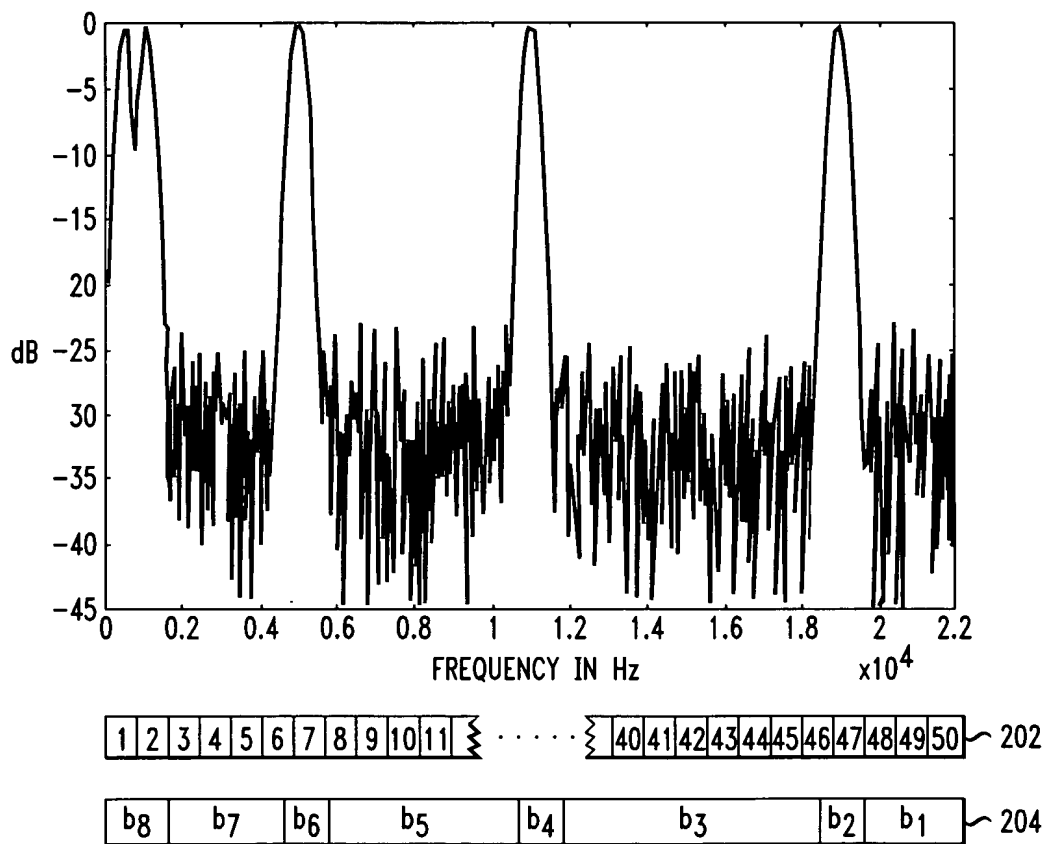
1/8

*FIG. 1A**FIG. 1D**FIG. 1B**FIG. 1E**FIG. 1C**FIG. 1F*

2/8

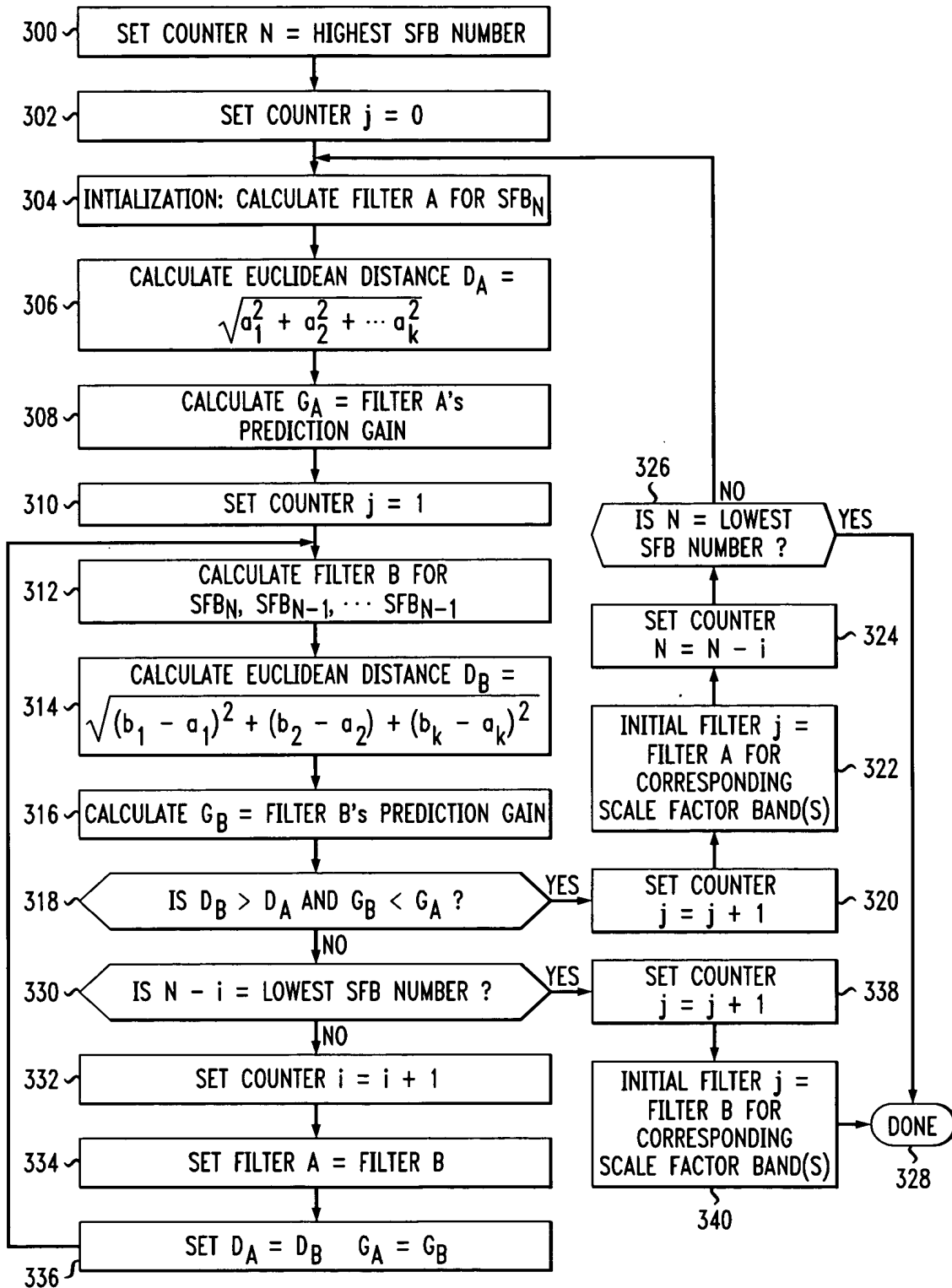
FIG. 2

MAGNITUDE OF FFT



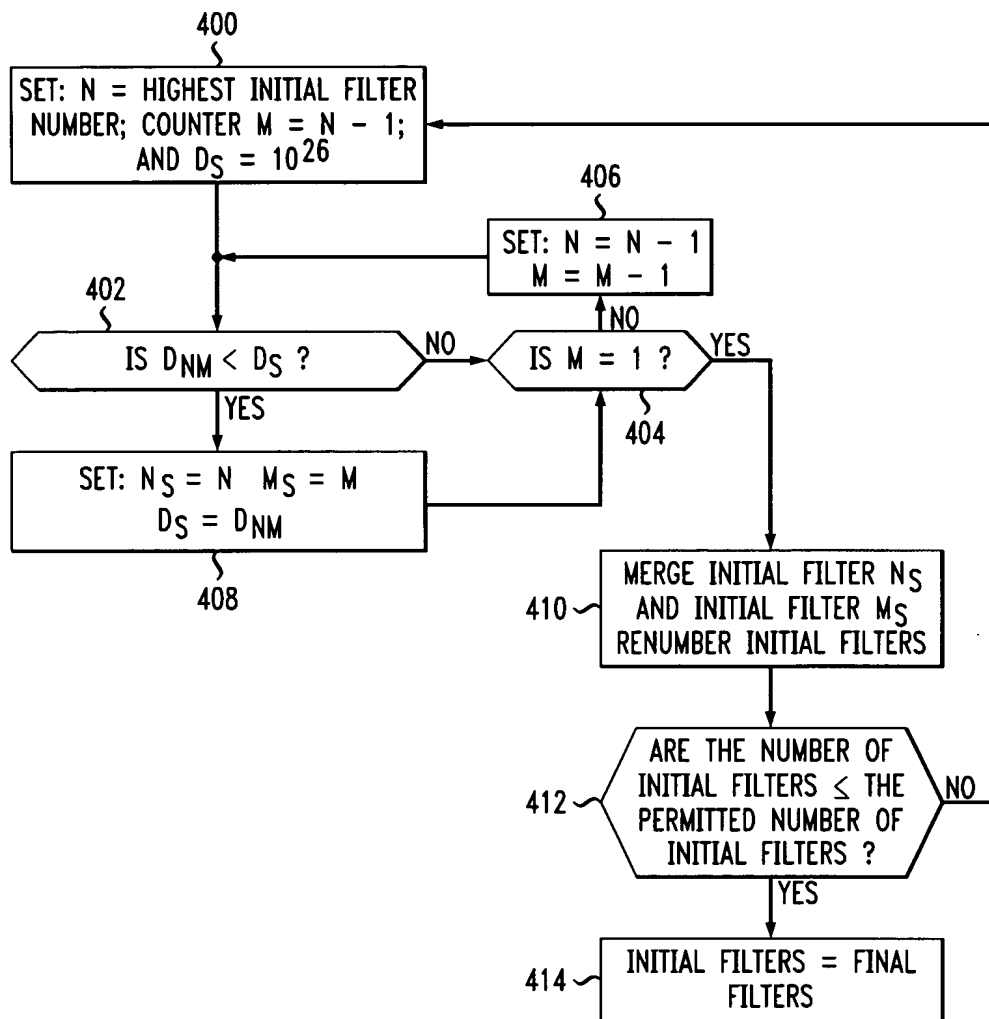
3/8

FIG. 3



4/8

FIG. 4A



5/7

FIG. 4B

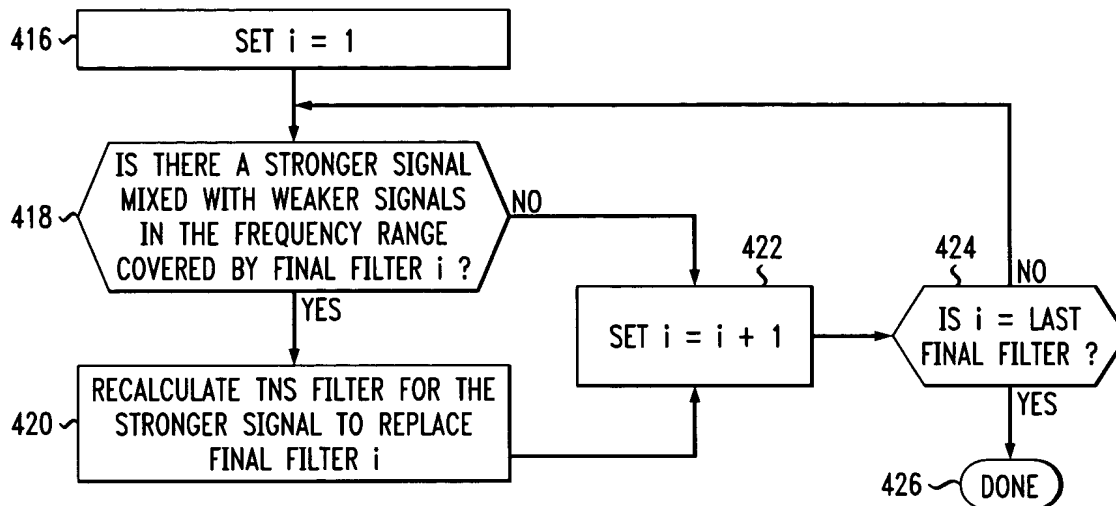


FIG. 5

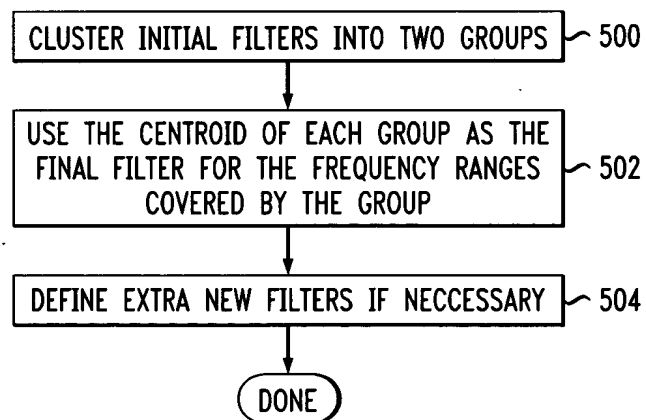
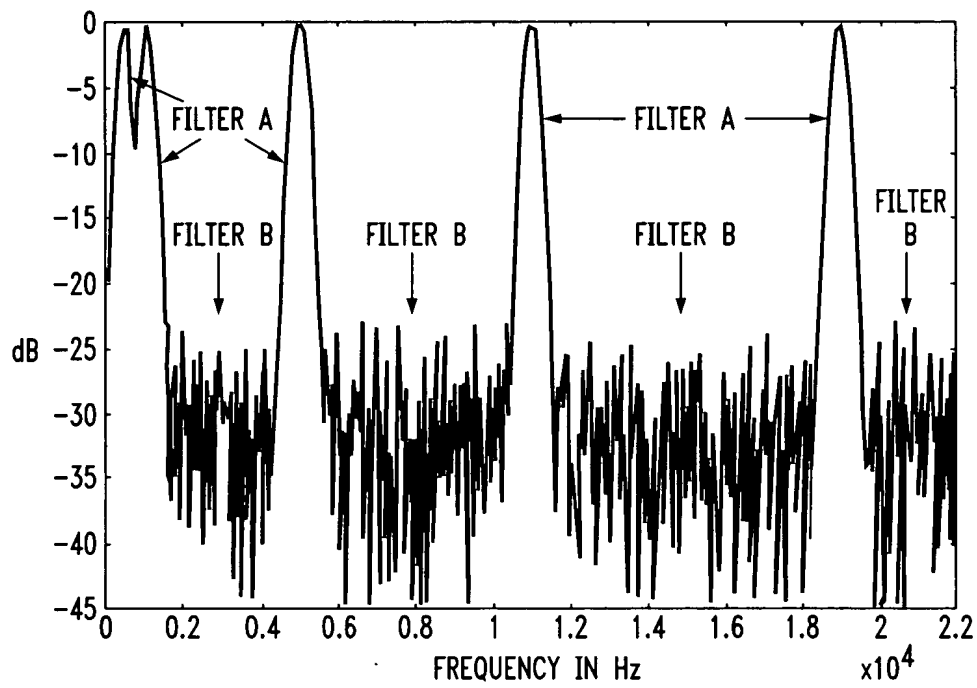


FIG. 6

MAGNITUDE OF FFT



1	2	3	4	5	6	7	8	9	10	11	⋮	⋯	⋮	40	41	42	43	44	45	46	47	48	49	50
---	---	---	---	---	---	---	---	---	----	----	---	---	---	----	----	----	----	----	----	----	----	----	----	----

b8	b7	b6	b5	b4	b3	b2	b1
----	----	----	----	----	----	----	----

7/8

*FIG. 7*

<NumberOfFilters>	<LowSFBof1stFilter>	<1stFilterOrder>	<1stFilterCoeff>
	<LowSFBof2ndFilter>	<2ndFilterOrder>	<2ndFilterCoeff>
	<LowSFBof3rdFilter>	<3rdFilterOrder>	<3rdFilterCoeff>

*FIG. 8*

<8>	<LowSFB_b1>	<Order_FilterB>	<Coeff_FilterB>
	<LowSFB_b2>	<Order_FilterA>	<Coeff_FilterA>
	<LowSFB_b3>	<-1>	
	<LowSFB_b4>	<-2>	
	<LowSFB_b5>	<-1>	
	<LowSFB_b6>	<-2>	
	<LowSFB_b7>	<-1>	
	<LowSFB_b8>	<-2>	

*FIG. 9*

<8>	<LowSFB_b1>	<Order_FilterB>	<Coeff_FilterB>
	<LowSFB_b2>	<Order_FilterA>	<Coeff_FilterA>
	<LowSFB_b3>	<-1>	
	<LowSFB_b4>	<Order_FilterC>	<Coeff_FilterC>
	<LowSFB_b5>	<-1>	
	<LowSFB_b6>	<-2>	
	<LowSFB_b7>	<-1>	
	<LowSFB_b8>	<-2>	

8/8

*FIG. 10*

$\langle \text{is.TNS} \rangle$ $\langle \text{Filter A} \rangle$ $\langle \text{Filter B} \rangle$ $\langle \text{mask} \rangle$
---

*FIG. 11*

$\langle \text{is.TNS} \rangle = 1$ $\langle \text{Filter A} \rangle = \langle 1 \rangle \langle \text{SFB}_1 \rangle \langle 12 \rangle \langle \text{Coeff} \rangle$ $\langle \text{Filter B} \rangle = \langle 1 \rangle \langle \text{SFB}_4 \rangle \langle 10 \rangle \langle \text{Coeff} \rangle$ $\langle \text{Mask} \rangle = \langle 47 \text{ bits} \rangle$
--

*FIG. 12*

$\langle \text{is.TNS} \rangle = 1$ $\langle \text{Filter A} \rangle = \langle 3 \rangle \langle \text{SFB}_{44} \rangle \langle 12 \rangle \langle \text{Coeff} \rangle$ $\qquad \qquad \qquad \langle \text{SFB}_{30} \rangle \langle 12 \rangle \langle \text{Coeff} \rangle$ $\qquad \qquad \qquad \langle \text{SFB}_1 \rangle \langle -1 \rangle$ $\langle \text{Filter B} \rangle = \langle 1 \rangle \langle \text{SFB}_1 \rangle \langle 10 \rangle \langle \text{Coeff} \rangle$ $\langle \text{Mask} \rangle = \langle 47 \text{ bits} \rangle$
---